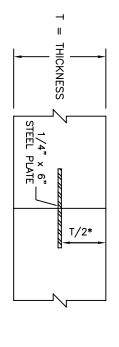
JOINT TYPES AND THEIR DESCRIPTION

CHANGES. THESE JOINTS MAY BE FORMED BY ARE USED TO CONTROL THE LOCATION OF CRACKS **CONTROL** - (CONTRACTION) - CONTRACTION JOINTS PREFORMED JOINT MATERIAL. USING REMOVABLE STRIPS OF WOOD, METAL, OR CONCRETE BY SAWING, USING HAND GROOVERS, OR PARTIALLY REDUCING THE CROSS SECTION OF CAUSED BY DRYING, SHRINKAGE AND THERMAL

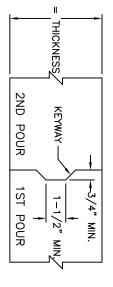
UNITS FROM COMPRESSIVE FORCES DEVELOPED FROM MOVEMENT. STRUCTURAL UNITS THAT EXHIBIT DIFFERENTIAL EXPANSION. THIS JOINT IS USED TO ISOLATE CRUSHING AND DISTORTION OF ABUTTING CONCRETE (EXPANSION) - DESIGNED TO PREVENT

FUNCTION AS AN EXPANSION OR A CONTRACTION JOINT LOCATION. THE CONSTRUCTION JOINTS MAY ALSO THESE JOINTS IS USUALLY IN A PREDETERMINED OF THE TWO POURS IS PROPOSED. PLACEMENT OF THIS TYPE OF JOINT IS NORMALLY USED WHEN BONDING FRESH POUR OF CONCRETE ABUTS AN EXISTING ONE. CONSTRUCTION - THIS TYPE JOINT IS USED WHERE A WHEN MODIFIED.



* SHIFT PLATE TO LIQUID SIDE WHERE REINFORCING STEEL IS AT CENTER.

STEEL PLATE ALTERNATE FOR CONSTRUCTION JOI ISOLATION JOINTS THAT ARE NOT CONTRO



STNIOL FOR ALL KEYWAY ALTERNATE CONSTRUCTI

TYPES OF CONCRETE JOINTS DRAWING NO.

Liquid Tight Wall Joints Non-Liquid Tight Slab Joints **Liquid Tight Slab Joints**

Non-Liquid Tight Wall Joints

PA-004D PA-004C PA-004B PA-004E

NOTES FOR DRAWINGS PA 004B - 004E

- 1. Reinforcing steel may be bars or wire fabric.
- 3. Drawings are adapted from WI 560/564. 2. Sections are shown with single grid of reinforcing steel;
- 4. Most common purpose of labeled joir its is underlined

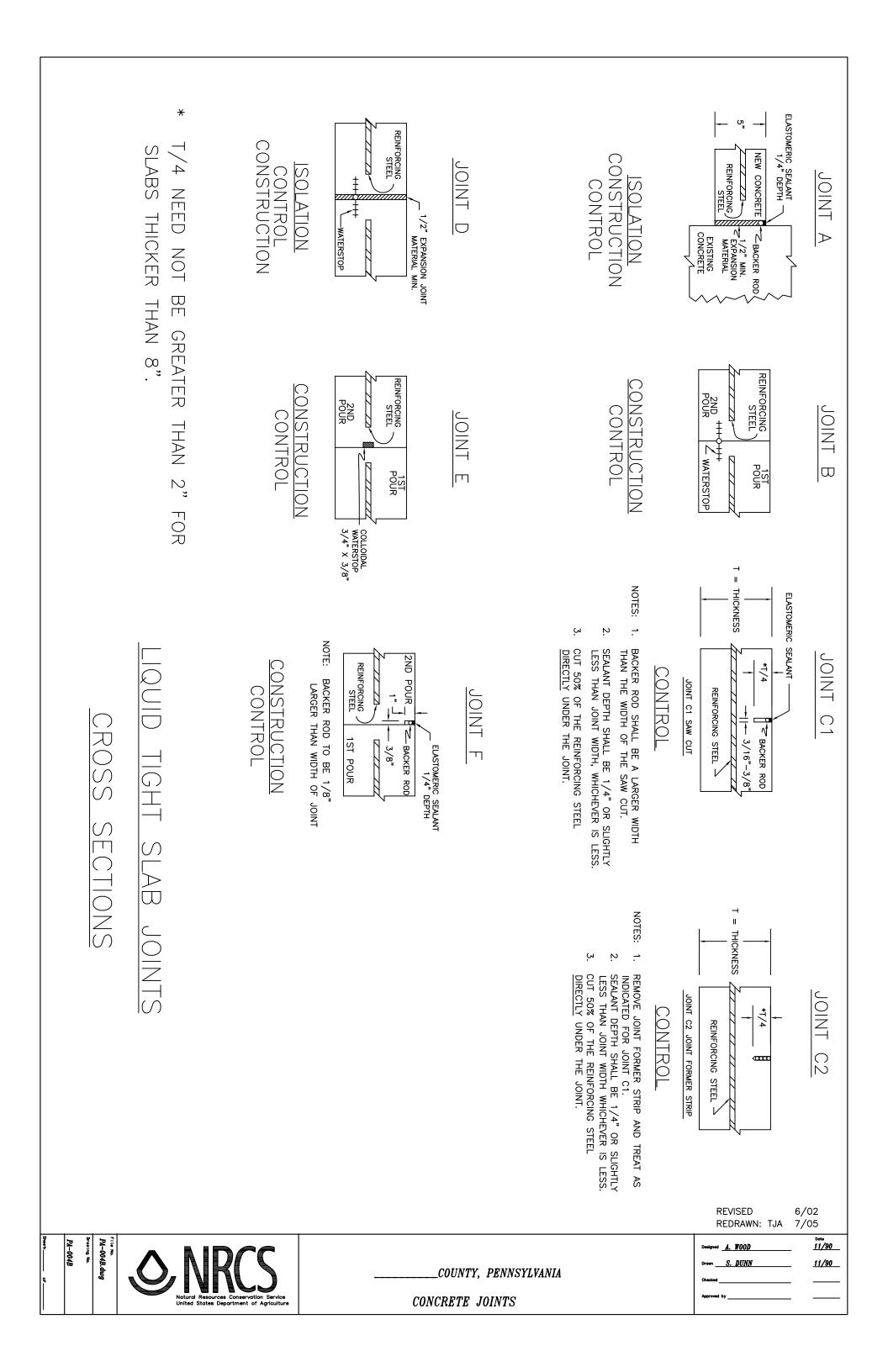
PA-004A.dwg

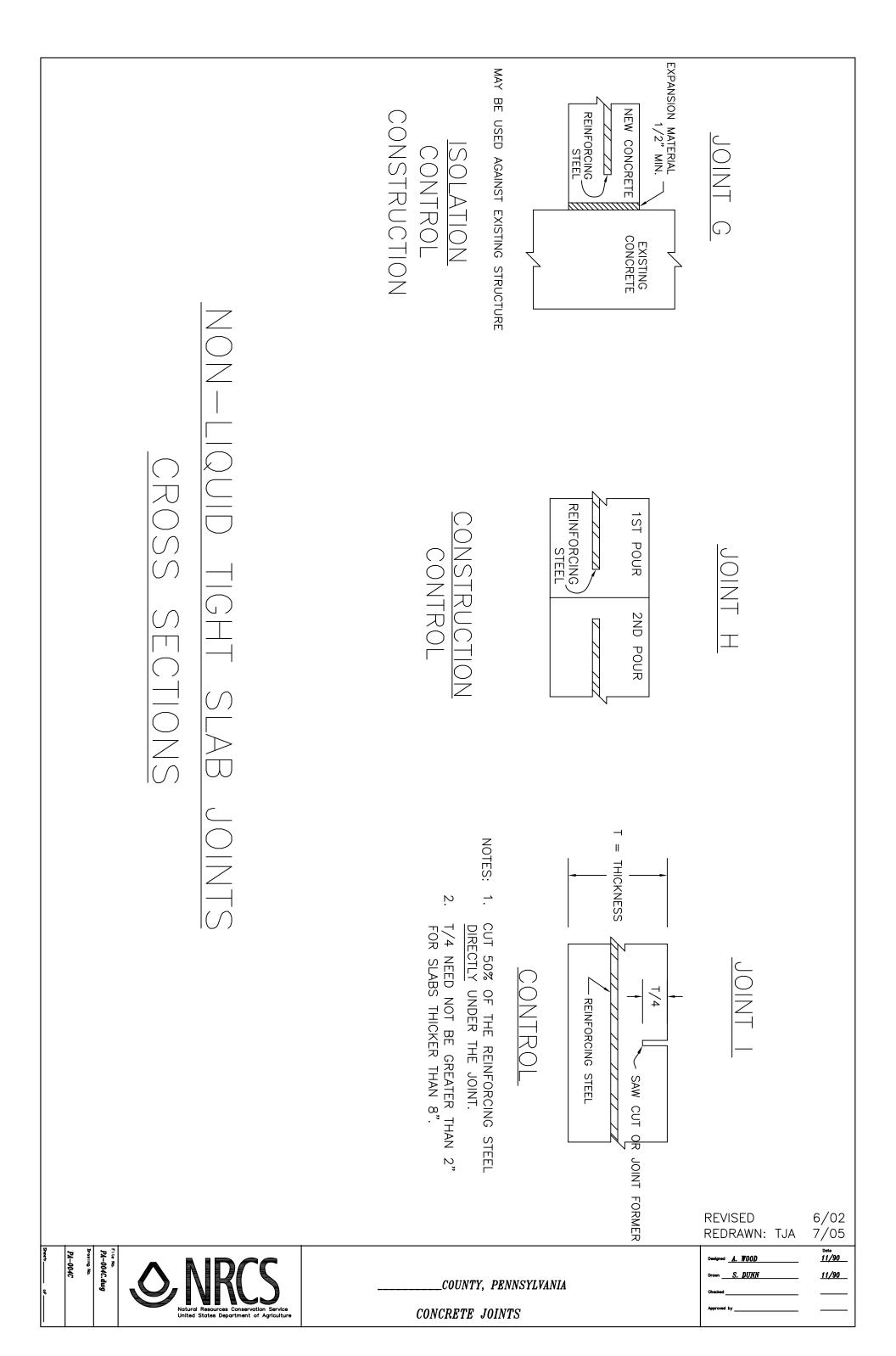
PA-004A

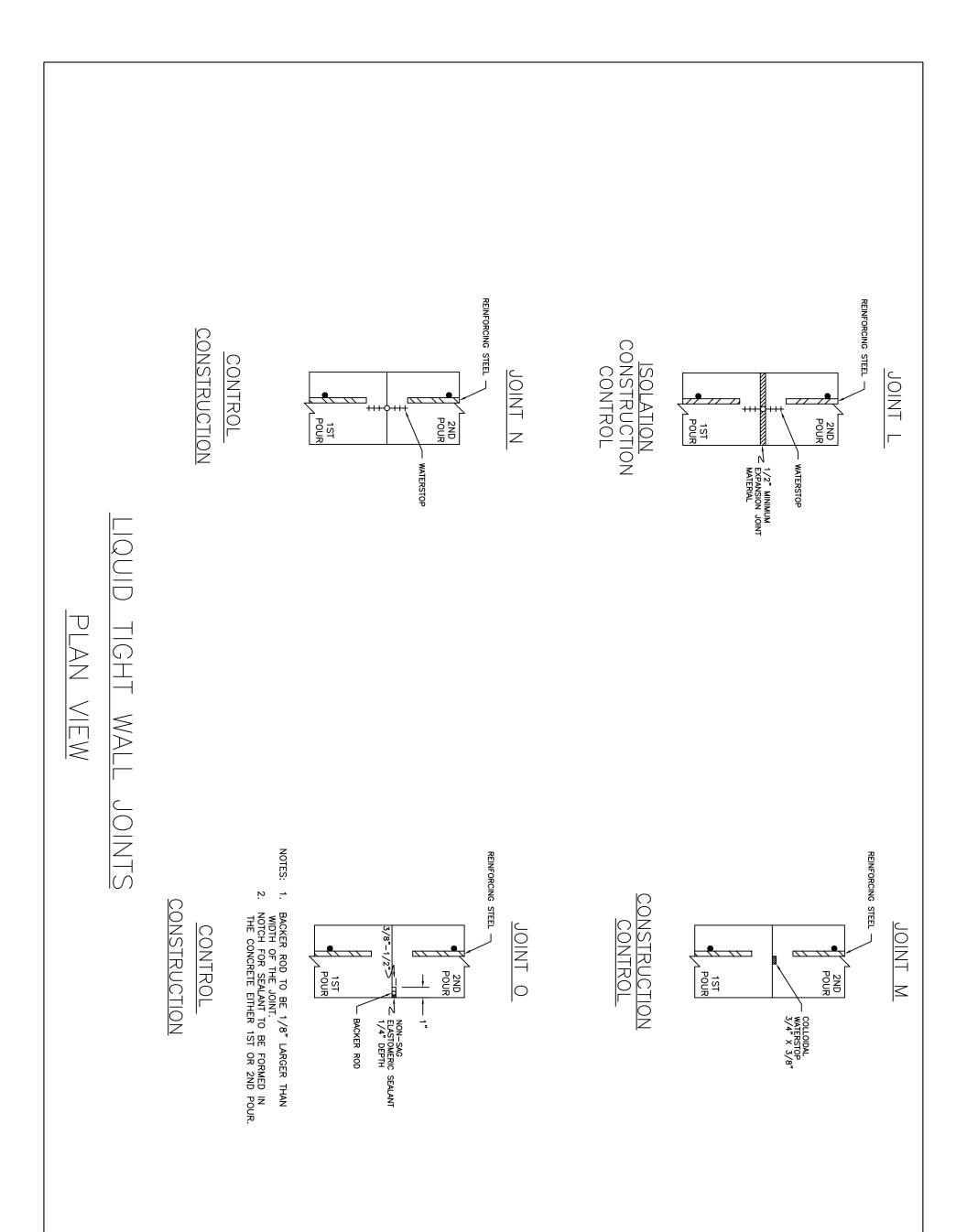
REDRAWN: TJA	7/05
Designed <u>A. WOOD</u>	Date <u>11/90</u>
Drawn S. DUNN	<u>11/90</u>
Checked	
Approved by	

		RC ources Conserve	
United States Department of Agriculture			

COUNTY, PENNSYLVANIA CONCRETE JOINTS







PA-004D

PA-004D

PA-004D

Natural Resources Conservation Service United States Department of Agriculture

_____COUNTY, PENNSYLVANIA

CONCRETE JOINTS

REDRAWN: TJA 7/05

Designed A. WOOD 11/90

Drown S. DUNN 11/90

Checked _______

